

DERWENT-ACC-NO: 1982-03146J

DERWENT-WEEK: 198248

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TITLE: Modified polypropylene compsn. with
good adhesion to

metals - comprise
propylene!-ethylene!-butene!-1
copolymer and maleic anhydride-,
maleic acid- or acrylic
acid-graft polypropylene

terpolymer

PATENT-ASSIGNEE: MITSUI TOATSU CHEM INC [MITK]

PRIORITY-DATA: 1981JP-0055666 (April 15, 1981)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
JP 57170946 A		October 21, 1982	N/A
006	N/A		
JP 88060781 B		November 25, 1988	N/A
000	N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 57170946A	N/A	
1981JP-0055666	April 15, 1981	

INT-CL (IPC): B32B015/08, B32B051/06 , C08L023/10 ,
C08L051/06 ,
C09J003/14

ABSTRACTED-PUB-NO: JP 57170946A

BASIC-ABSTRACT:

New modified polypropylene compsns. (I) rapidly adhering to
metallic materials
comprise propylene-ethylene-butene-1 ternary copolymers
(II) and at least one

cpd. (III) chosen from maleic anhydride-graft polypropylene, maleic acid-graft polypropylene and acrylic acid-graft polypropylene. (II) are composed of propylene (IV): (V): (VI) wt. ratios of 69.9-98.0:0.1-10:1-30.

(III) are usually at 0.1-20, pref. 0.5-5.0, pts. wt. to 100 pts. wt. of (II)+(III).

(I) have rapid adhesion to metallic materials such as aluminium, iron, copper, tin plates and stainless steel. (I) are suitable as polyolefins for core materials of laminated materials on metal or for adhesion layers between core materials polyolefins and metallic foils.

TITLE-TERMS: MODIFIED POLYPROPYLENE COMPOSITION ADHESIVE METAL COMPRISE

POLYPROPYLENE POLYETHYLENE POLYBUTYLENE
COPOLYMER MALEIC ANHYDRIDE
MALEIC ACID ACRYLIC ACID GRAFT POLYPROPYLENE

ADDL-INDEXING-TERMS:
POLYANHYDRIDE POLYACRYLIC

DERWENT-CLASS: A17 P73

CPI-CODES: A04-F04B; A04-F05; A04-G06A; A04-G09; A07-A02C;
A12-B04D; A12-B04F;
A12-S06C;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0003 0037 0038 0218 0222 0224 0226 0232 3151
0242 0250 0251 0258

0411 1417 2307 3252 2726 2728

Multipunch Codes: 013 02& 034 037 040 041 046 047 050 051
074 075 076 104 105

106 155 157 27& 28& 303 311 44& 443 47& 477 54& 58& 597 600
688